UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 r.O. Box 1430 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

22197

10/770,896

12/21/2006

PATENT LAW & VENTURE GROUP 2424 S.E. BRISTOL, SUITE 300 NEWPORT BEACH, CA 92660

7590

EXAMINER MAUST, TIMOTHY LEWIS ART UNIT PAPER NUMBER

3751

DATE MAILED: 12/21/2006

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/770.896      | 02/02/2004  | Adam Awad            | AWAD.A-14           | 1111             |

TITLE OF INVENTION: METHODS FOR REPLACING ENGINE SYSTEM COOLING FLUIDS WITH A CONTINUOUS FLOW

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES          | \$700         | \$300               | \$0                  | \$1000           | 03/21/2007 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current **SMALL ENTITY status:** 

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| appropriate. All further of the condicated unless corrected anitemance fee notifications.   | correspondence including below or directed oth ions.  | g the Patent, advance of<br>erwise in Block 1, by (a   | rders and notification of<br>a) specifying a new con   | maintenance fees vespondence address  | vill be i<br>and/or                               | mailed to the current of (b) indicating a separ   | correspondence address<br>rate "FEE ADDRESS" (   | as   |
|---|---|--|--|---|---|---|--|--|
|   |   | ock 1 for any change of address)   | Fe   | e(s) Transmittal, The   | is certif   | icate cannot be used to   | domestic mailings of the domestic mailings of the accompanying or formal drawing, mu   | nσ   |
| 22197<br>PATENT LAW<br>2424 S.E. BRIST<br>NEWPORT BEA   |   |  |  | Cor   | tificata  | of Mailing or Transn  | nission deposited with the Unit class mail in an envelo above, or being facsimi te indicated below.                            | ed<br>pe<br>ile                                |
|   |   |  |  |   |   |   | (Depositor's nam   | c)   |
|   |   |  |  |   |   |   | (Signatur  | Н  |
|   |   | · · · · · · · · · · · · · · · · · · ·  |  |   | ,   |   | (Dat   | 型<br>つ   |
| APPLICATION NO.   | FILING DATE   |  | FIRST NAMED INVENTO  | R   | L   | RNEY DOCKET NO.   | CONFIRMATION NO.   | لـ   |
| 10/770,896<br>TITLE OF INVENTION:   | 02/02/2004<br>METHODS FOR REPI  | LACING ENGINE SYST   | Adam Awad<br>FEM COOLING FLUID:  | S WITH A CONTIN   |   | AWAD.A-14<br>FLOW   | 1111   |  |
| APPLN. TYPE   | SMALL ENTITY  | ISSUE FEE DUE  | PUBLICATION FEE DUI  | PREV. PAID ISSU   | E FEE   | TOTAL FEE(S) DUE  | DATE DUE   | brack  |
| nonprovisional  | YES   | \$700  | \$300  | . \$0   |   | \$1000  | 03/21/2007   | _  |
| EXAMI   | NER   | ART UNIT   | CLASS-SUBCLASS   | 7   |   |   |  |  |
| MAUST, TIMO   | THY LEWIS   | 3751   | 141-011000   | _   |   | •   |  |  |
| CFR 1.363).  Change of correspond Address form PTO/SB  "Fee Address" indip PTO/SB/47; Rev 03-0. Number is required.  ASSIGNEE NAME AN PLEASE NOTE: Unio | ess an assignee is identi   | Indication form ed. Use of a Customer  TO BE PRINTED ON The field below, no assignee   | data will appear on the  | to 3 registered pater<br>tively,<br>gle firm (having as a<br>agent) and the nam<br>torneys or agents. If<br>e printed.  ype) patent. If an assign | members of up                                     | er a 2<br>o to<br>e is 3  | cument has been filed f  | _<br>_<br>_<br>_<br>_                          |
| (A) NAME OF ASSIG   | GNEE  | eletion of this form is NO   | (B) RESIDENCE: (CIT  | Y and STATE OR C  |   |   | up entity 🔲 Governme   | nt   |
|   | o small entity discount p   | ermitted)  | b. Payment of Fee(s): (PI A check is enclosed Payment by credit of The Director is here overpayment, to De   | ard. Form PTO-2038  | is atta   | ched.   |  | ı <u>.                                    </u> |
| a. Applicant claims   | us (from status indicated<br>SMALL ENTITY statu<br>Publication Fee (if requ   | is. See 37 CFR 1.27.   | b. Applicant is no lo  |   |   |   |  | in   |
| nterest as shown by the r   | ecords of the United Sta  | tes Patent and Trademark   | Office.  | -   |   |   |  | -  |
| Authorized Signature  |   |  |  |   |   |   |  |  |
| Typed or printed name   | ,   |  |  | Registration N  | lo  |   |  |  |
| This collection of information application. Confident ubmitting the completed his form and/or suggestion to 1450, Alexandria, Viscaina 221              | ation is required by 37 C<br>iality is governed by 35<br>application form to the<br>ons for reducing this bur<br>irginia 22313-1450. DO | FR 1.311. The informatic<br>U.S.C. 122 and 37 CFR<br>USPTO. Time will vary<br>den, should be sent to the<br>NOT SEND FEES OR ( | on is required to obtain on 1.14. This collection is of depending upon the inceeding the complete of the compl | r retain a benefit by t<br>stimated to take 12<br>ividual case. Any co<br>cer, U.S. Patent and<br>TO THIS ADDRESS                                 | he publ<br>minutes<br>omment<br>Traden<br>S. SENI | ic which is to file (and<br>to complete, including<br>s on the amount of tim<br>ark Office, U.S. Depa<br>D TO: Commissioner for | by the USPTO to process g gathering, preparing, as the you require to complete rement of Commerce, P. or Patents, P.O. Box 145 | is)<br>nd<br>ite<br>O.                         |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO.            | FILING DATE          | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO.     |  |  |  |
|----------------------------|----------------------|----------------------|-------------------------|----------------------|--|--|--|
| 10/770,896                 | 02/02/2004           | Adam Awad            | AWAD.A-14               | 1111                 |  |  |  |
| 22197 - 75                 | 90 12/21/2006        |                      | EXAMINER                |                      |  |  |  |
| PATENT LAW & VENTURE GROUP |                      |                      | MAUST, TIMO             | MAUST, TIMOTHY LEWIS |  |  |  |
| 2424 S.E. BRISTO           |                      | ART UNIT             | PAPER NUMBER            |                      |  |  |  |
| NEWPORT BEAC               | PORT BEACH, CA 92660 |                      |                         |                      |  |  |  |
|                            |                      |                      | DATE MAILED: 12/21/2006 |                      |  |  |  |

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 87 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 87 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.